

Title (en)  
THRUST CHAIN AND ITS DRIVE.

Title (de)  
SCHUBKETTE MIT ZUGEHÖRIGEM ANTRIEB.

Title (fr)  
CHAINE DE POUSSEE ET SON ENTRAINEMENT.

Publication  
**EP 0403576 B1 19950125 (DE)**

Application  
**EP 89905629 A 19890523**

Priority  
• DE 8900322 W 19890523  
• DE 8806871 U 19880526

Abstract (en)  
[origin: WO8911602A1] A thrust chain with its drive are used to transmit thrust and pull forces. The thrust chain is stiff on one side (stiff-backed) and stiff on all sides outside the driving and deflecting housings (2, 3), whereas the driving and deflecting housings allow for a variable input/output angle of the chain (20) during operation. Other characteristics of the invention are: the push force is transmitted from the chain to the driving/deflecting housing by means of a load carrying continuous band (9) arranged inside the housing; rollers are arranged in the housings or at the outer flanks of the chain links. The unused parts of the chain are kept in a special magazine.

IPC 1-7  
**F16G 13/20**

IPC 8 full level  
**B66C 23/82** (2006.01); **F16G 13/06** (2006.01); **F16G 13/18** (2006.01); **F16G 13/20** (2006.01); **F16H 7/06** (2006.01)

CPC (source: EP)  
**B66C 23/82** (2013.01); **F16G 13/06** (2013.01); **F16G 13/20** (2013.01); **F16H 7/06** (2013.01)

Citation (examination)  
Soviet Inventions Illustrated, Derwent Publications Ltd, London (GB), week C17, Q64, No. D 8200C /17 4 June 1980 & SU, A, 681272 (DZYUBINSKII) 25 August 1979

Cited by  
US8336286B2; US8381950B2; CZ304006B6; EP1591693A3; CN111717765A; US7621508B2; US8376193B2

Designated contracting state (EPC)  
CH DE FR GB LI NL

DOCDB simple family (publication)  
**DE 8806871 U1 19890622**; AU 3577189 A 19891212; DE 58908946 D1 19950309; EP 0403576 A1 19901227; EP 0403576 B1 19950125; WO 8911602 A1 19891130

DOCDB simple family (application)  
**DE 8806871 U 19880526**; AU 3577189 A 19890523; DE 58908946 T 19890523; DE 8900322 W 19890523; EP 89905629 A 19890523